

Distributed Common Ground/Surface System-Marine Corps (DCGS-MC)

The Distributed Common Ground/Surface System-Marine Corps (DCGS-MC) is a subset of the Marine Air-Ground Intelligence System (MAGIS) network. MAGIS provides the capability to collect, process, analyze, fuse, and disseminate information derived from all Marine organic intelligence disciplines—including Imagery Intelligence, Signals Intelligence (SIGINT), Measurement and Signatures Intelligence, and Human Source Intelligence as well as national and theater systems. DCGS-MC meets specific Department of Defense requirements and connects intelligence professionals to multi-discipline joint, national, and organic data sources, analytical assessments, and collection assets.

MAGIS is specifically designed to support EMW by providing Marine commanders with the all-source, fused intelligence necessary to make informed decisions rapidly across the dynamic, chaotic, and complex battlespace. It is interoperable with joint and national intelligence networks, and is capable of disseminating tailored intelligence to tactical units.

The current DCGS-MC includes the following elements:

Intelligence Analysis System, which is the all-source analysis and fusion hub of MAGIS;

Technical Control and Analysis Center, which is the SIGINT correlation, analysis, and tasking hub;

Tactical Exploitation Group (TEG), which is the IMINT processing and analysis hub; and,

Joint Surveillance and Target Attack Radar System (JSTARS) Common Ground Station, which receives, displays, and tasks Moving Target Indicator and JSTARS Synthetic Aperture Radar imagery.

To meet the increased interoperability and data posting/sharing requirements levied by the Office of the Secretary of Defense (OSD), as well as the timely and accurate intelligence requirements demanded by Expeditionary Maneuver Warfare, DCGS-MC must transform from a partially networked family of systems to an enterprise encompassing all of Marine Corps Intelligence Surveillance and Reconnaissance (ISR) assets and be fully interoperable with other Services, Agencies and COComs. This enterprise solution will be called the Marine Corps ISR Enterprise (MCISR-E).

MCISR-E is an enterprise that encompasses the entire Intelligence Cycle in order to better assist the USMC operational planning and decision-making processes. It evolves the intelligence cycle's steps from sequential to parallel to simultaneous and includes everything in the cycle from the sensors through the initial posting of the collected data, processing, exploitation, the storing of resultant intelligence products in data stores at the Marine Expeditionary Force and at Marine Corps Intelligence Activity in Quantico, and most importantly the use of intelligence by commanders and staffs. It will leverage the collaboration capabilities offered by current technology enabling reachback to garrison locations for substantial intelligence analysis and production support and will have even better interoperability and access to national, theater and other Service ISR data. These reachback and interoperability capabilities will enable us to continue to reduce the intelligence footprint forward deployed while dedicating 'worldwide intelligence support' to the MAGTF Commander.